

AMENDMENTS TO THE TITLE

Replace the title with:

MEDICAL IMPLANT OR MEDICAL IMPLANT PART
~~AND METHOD FOR PRODUCING THE SAME~~

AMENDMENTS TO THE SPECIFICATION

Replace paragraph [0014] with:

[0014] The hydrophilic polymer can be any suitable hydrophilic polymer. Preferably, the hydrophilic polymer will not degrade at the compression molding temperatures typically used for ultrahigh molecular weight ~~polyurethane~~ polyethylene and is capable of cross-linking with itself and another polymer (e.g., ultrahigh molecular weight polyethylene) using high-energy radiation (e.g., gamma radiation). The hydrophilic polymer preferably is a water-soluble, biocompatible polymer. As utilized herein, the term “biocompatible polymer” is used to refer to any polymer that is susceptible to implantation in a host (e.g., human host) and does not elicit any adverse reactions. Preferably, the hydrophilic polymer is a water-soluble, biocompatible polymer selected from the group consisting of poly(ethylene oxide), polyvinylpyrrolidone, poly(vinyl alcohol), mixtures thereof, and copolymers thereof.